

TYPE NO.	Application	Filling	Operating Voltage D.C.	Plateau	Slope Plateau	Dead Time (Approx. µ sec.)
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END WINDOW TUBES

100 HB	Beta	Helium + organic quenching agent	1300	in excess of 250 volts	1.5% per 100 volts	150
200 HB	Alpha & Beta	Helium + organic quenching agent	1300	in excess of 250 volts	1.5% per 100 volts	150
100 LB	Beta & Gamma	Neon, argon + halogen quench	arbitrary within plateau range	450-750 volts	1% avg. 2% max. per 100 volts	250
200 LB	Alpha, Beta & Gamma	Neon, argon + halogen quench	arbitrary within plateau range	450-750 volts	1% avg. 2% max, per volt	250
120 C	Beta & X-Ray	Argon + halogen quench	1200	in excess of 300 volts	5% to 10% per 100 volts	300
120 N	Beta	Neon + halogen quench	900	in excess of 200 volts	5% to 10% per 100 volts	300
120 NB	Beta	Neon + halogen quench	900€	in exces of 200 volts	5% to 10% per 100 volts	300
150 N	Beta & Gamma	Neon + halogen quench	900	in excess of 180 volts	10% 100 volts max.	150
150 NB	Beta & Gamma	Neon +- halogen quench	900	in excess of 180 volts	10% 100 volts max.	150
153 C	Beta & Gamma	Argon + halogen quench	1500	in excess of 400 volts	3% to 8% per 100 volts	150
155 N	Beta & Gamma	Neon + halogen quench	arbitrary within plateau range	in excess of 180 volts	10% per 100 volts max.	150
100 C	Beta & X-Ray	Argon + halogen quench	1200	in excess of 300 volts	5% to 10% per 100 volts	200
100 CB	Beta & X-Ray	Argon + halogen quench	1200	in excess of 300 volts	5% to 10% per 100 volts	200
100 N	Beta	Neon + halogen quench	900⊘	in excess of 200 volts	5% to 10% per 100 volts	200
200 NB	Alpha & Beta	Neon + halogen quench	900	in excess of 200 volts	5% to 10% per 100 volts	200
100 NB	Beta	Neon + halogen quench	900◎	in excess of 200 volts	5% to 10% per 100 volts	200
240 N	X-Ray	Neon + halogen quench	850-900	in excess of 150 volts	Less than 15% per 100 volts	100
18504	Beta, Gamma	Neon, argon + halogen quench	arbitrary within plateau range	425-650 volts	0.01%/volt avg. 0.02%/volt max®	100
18505	Alpha, Beta, Gamma	Neon, argon + halogen quench	arbitrary within plateau range	450-700 volts	0.01%/volt avg. 0.02%/volt max®	200
18506	Bets, Gamma	Neon, argon + halogen quench	arbitrary within plateau range	470-800 volts	0.01%/volt avg. 0.02%/volt max®	250
18515	Beta	Neon, argon + halogen quench	550	450-650 volts	3% per 100 volts	70
18516	Beta	Neon, argon + halogen quench	550	450-650 volts	3% per 100 volts	100
18526	Alpha, Beta, Gamma	Neon, argon + halogen quench	arbitrary within plateau range	450-750 volts	2%/100 volts	200
18536	Beta	Neon, argon + halogen quench	arbitrary within plateau range	500-750 volts	3%/100 volts	70
18546	Beta	Neon, argon + halogen quench	arbitrary within plateau range	700-1000 volts	3%/100 volts	30 µsec

THIN WALL TUBES

75N-7	Gamma	Neon + halogen quench	700₫	in excess of 125 volts	15% per 100 volts max.	100
75NB3-7	Gamma	Neon + halogen quench	7000	in excess of 125 volts	15% per 100 volts max.	100
75NB3-9	Gamma	Neon + halogen quench	825	in excess of 125 volts	15%/100 volts max.	100
76NB3	Gamma	Neon halogen quench	arbitrary within plateau range	in excess of 125 volts	15% per 100 volts max.	100
90NB-3			restaurant de la constante de		Same as 90NB-4 except f	or 3-pin base
90NB-4	Beta & Gamma	Neon + halogen quench	900€	in excess of 200 volts	10% per 100 volts max.	100
912NB-4®	Beta & Gamma	Neon + halogen quench	900	in excess of 200 volts	10% per 100 volts max.	100
. 18503	Gamma	Neon, argon + halogen quench	arbitrary within plateau range	400-600 volts	0.01%/volt avg. 0.02%/volt max®	100
18509ூ	Gamma	Neon, argon + halogen quench	arbitrary within plateau range	400-550 volts	0.07%/volt avg. 0.15%/volt max®	60
18522	Large Volume Gamma or Cosmic Ray use.	Neon, argon + halogen quench	arbitrary within plateau range	700-1000 volts	3%/100 volts	500
18259⊘	Gamma	Neon, argon + halogen quench	arbitrary within plateau range	500-650 volts	25%/100 volts max.	
18550⊕	Beta, Gamma	Neon, argon + halogen quench	arbitrary within plateau range	500-650 volts	0.04%/volt max®	75

RADIATION COUNTER TUBES

Background C/M (Shielded 2" Lead)	Average Mica Window or Wall Thickness	Effective Dia, of Mica Window (Inches)	Effective Cathode Dimensions (Inches)	Max. Overall Tube Dimensions (Inches)	TYPE NO
50 max.	.0005 in. = 3.5 mg/cm ² =12.70 microns	1.093	1.5 x 1.187 O.D. x 0.093 wall	1.375 x 4.344 (4 pin base)	100 HB
50 max.	.0002 in 1.4 mg/cm ² 5.08 microns	1.093	1.5 x 1.187 O.D. x 0.093 wall	1.375 x 4.343 (4 pin base)	200 HB
25 max.	2.5-3.5 mg/cm ²	1.093	1.42 x 1.5 0.D. x 0.051 wall	1.312 x 4.344 (4 pin base)	100 LB
25 max.	1.4-2.0 mg/cm ²	1.093	1.42 x 1.5 O.D. x 0.051 wall	1.937 x 4.344 (4 pin base)	200 LB
100 max.	.0008 in. — 5.6 mg/cm ² —20.32 microns	1.906	2.687 x 2 0.D. x 0.078 wall	2.375 x 5.125	120 C
100 max.	.0008 in. = 5.6 mg/cm ³ =20.32 microns	1.906	2.687 x 2 0.D. x 0.078 wall	2,375 x 5.125	120 N
100 max.	.0008 in. = 5.6 mg/cm ² =20.32 microns	1.906	2.687 x 2 O.D.	2.312 x 5.75	120 NB
75 max.	.0005 in. = 3.5 mg/cm ² =12.70 microns	0.781	x 0.078 wall 4.375 x 0.875 0.D.	(4 pin base) 1 x 6.625	150 N
75 max.	.0005 in. = 3.5 mg/cm ² =12.70 microns	0.781	x 0.046 wall 4.375 x 0.875 O.D.	(4-pin base) 1.156 x 7.125	150 NB
60 max.	.0005 in. = 3.5 mg/cm ³ =12.70 microns	0.781	x 0.046 wall 4.375 x 0.875	1 0.0. x 6 lg.	153 C
75	3.5 mg/cm ² =12.70 microns 1.4-2.0 mg/cm ²	0.950	x 0.047 wall 4.375 x 0.875 O.D.	0.937 x 6	155 N
50 max.	.0005 in. = 3.5 mg/cm ³ =12.70 microns	1.093	x 0.046 wall 1.5 x 1.187 O.D.	1.5 x 3.75	100 C
50 max.	.0005 in. = 3.5 mg/cm ² =12.70 microns	1.093	x 0.093 wall 1.5 x 1.187 O.D.	1.375 x 4.344	100 CB
50 max.	.0005 in. = 3.5 mg/cm ² =12.70 microns	1.093	x 0.093 wall 1.5 x 1.187 O.D.	(4 pin base) 1.5 x 3.75	100 N
50 max.	.0002 in. ==	1.093	x 0.093 wall 1.5 x 1.187 O.D.	1.375 x 4.344	200 NB
50	1.4 mg./cm ² = 5.08 microns .0005 in. =	1.093	x 0.0.093 wall 1.5 x 1.187 O.D.	(4 pin base) 1.375 x 4.344	100 NB
max. 50	3.5 mg/cm ² =12.70 microns .0002 in. =	0.406	x 0.093 wall 4 x 0.625 0.D.	(4 pin base) 0.625 x 5.875	240 N
max. 10	1.4 mg/cm ² =5.08 microns 2-3 mg/cm ²	0.35	x 0.010 wall 1.57 x 0.57 I.D.	(3 pin base) 0.594 x 1.687	18504
max. 15	1.5-2 mg/cm ²	0.78	x 250 mg/cm ² 1.422 x 0.781 I.D.	1.015 x 2.25	18505
max. 25	2.5-3.5 mg/cm ²	1.09	x 0.047 wall 1.422 x 1.094 I.D.	1.344 x 2.25	18506
max.	1.5-2.0 mg/cm ²	0.781	x 0.05 wall 0.5 x 0.781 0.0.	1.031 x 1.281	18515
max@	10 mg/cm ²	1.093	x 0.046 wall 0.718 x 1.093 I.D.	1.344 x 1.468	The State of the S
max.©	1.5-2 mg/cm ²	1.09	x 0.062 wall 1.46 x	2.249 x	18516
10	1.5-2 mg/cm ³	1.09	1.1 I.D. 1.09 I.D.	1.217 O.D. 1.339 x	18526
50	10 mg/cm ²	2.00	x 0.67 1.102 x	1.339 O.D. 1.930 x	18536
	ve mg/em-	2.00	2.007 I.D.	2.284 O.D.	18546

50 max.	150 mg/cm ²		2.687 x 0.625 O.D. x 0.009 wall	0.625 x 4.375	75N-7
50 max.	150 mg/cm ²		2.687 x 0.625 O.D. x 0.009 wall	0.625 x 4.312 (3 pin base)	75NB3-7
50 max.	0.009 inches		x 0.009 wall 2.687 x 0.625 O.D.	4.31 x 0.62 0.D.	75NB3-9
50	0.009 inches		5.812 x 0.605 1.D. x 0.009 wall	0.625 x 7.531	76NB3
					90NB-3
50 max.	30-40 mg/cm ²	5,000	3 x 0.625 O.D.	0.625 J.D. x 5.625	90NB-4
75 max.	30-40 mg/cm ²		7 x 0.625 O.D.	0.625 x 11.781 (4 pin base)	912NB-40
10 max.	250 mg/cm ²		1.57 x 0.57 I.D. x 250 mg/cm ²	0.594 x 1.687	18503
2 max.	80-100 mg/cm ²		.63 x 0.197 O.D. x 80-100 mg/cm ²	0.281 x 1.5	18509€
100 c/hr.	0.020 inches	-	15.8 x 1.54 0.D.	18.1 x 1.614 O.D.	18522
1	80-100 mg/cm ²		0.328 x 0.187 I.D. x 80-100 mg/cm ²	1.062 x 0.203	18259ூ
5 max.	36 ± 4 mg/cm ²	-	1.062 x 0.31 I.D.	0.391 x 2.125	18550⊚







120NB



200LB



153C